

Title (en)  
Pluggable surge arrester

Title (de)  
Steckbarer Überspannungsableiter

Title (fr)  
Dérivateur de surtensions enfichable

Publication  
**EP 0905839 A1 19990331 (DE)**

Application  
**EP 98890256 A 19980901**

Priority  
AT 165997 A 19970930

Abstract (en)  
The conductor includes a lower part (22) with contact receptions (23), an upper part (24) with contact pins (9) inserted into the contact receptions, and an over-voltage conductor element (1), preferably a variable resistor, arranged between the contact pins. A pre-stressed supply part is formed through a bridge, whose both ends (81,82) are connected over soldering points with further supply parts (11). The conductor includes a lower part with contact receptions, an upper part (24) with contact pins (9) inserted into the contact receptions, and an over-voltage conductor element (1), preferably a variable resistor, arranged between the contact pins. At least one soldering point (25) is arranged in the supply to the over-voltage conductor element, whereby one of the soldered supply parts (8) is connected with a spring (2), pre-stressing the supply part (8) in direction away from the soldering point. The pre-stressed supply part is formed through a bridge, whose both ends (81,82) are connected over soldering points with the other supply parts.

Abstract (de)  
Steckbarer Überspannungsableiter umfassend einen Unterteil (22) mit Kontaktaufnahmen (23) und einen Oberteil (24) mit in die Kontaktaufnahmen (23) einschiebbaren Kontaktstiften (9) und mit einem zwischen diesen Kontaktstiften (9) angeordneten Überspannungsableit-Element (1), vorzugsweise Varistor, wobei in der Zuleitung zum Überspannungsableit-Element (1) zumindest eine Lötstelle (25) angeordnet ist, bei welcher einer der verlöteten Zuleitungsteile (11,8) mit einer, diesen Zuleitungsteil (8) in Richtung weg von der Lötstelle (25) vorspannenden Feder (2) verbunden ist, wobei der federvorgespannte Zuleitungsteil (8) durch eine Brücke gebildet ist, deren beide Enden (81,82) über Lötstellen (25) mit den weiteren Zuleitungsteilen (11) verbunden sind. <IMAGE>

IPC 1-7  
**H01T 1/12**; **H01C 7/12**

IPC 8 full level  
**H01C 7/10** (2006.01); **H01C 7/12** (2006.01); **H01C 8/04** (2006.01); **H01H 83/00** (2006.01); **H01T 1/12** (2006.01)

CPC (source: EP)  
**H01C 7/12** (2013.01); **H01T 1/12** (2013.01)

Citation (search report)

- [A] FR 2696588 A1 19940408 - LEGRAND SA [FR]
- [A] DE 9305796 U1 19930617
- [A] EP 0436881 A1 19910717 - KLEINHUIS HERMANN GMBH [DE]
- [A] WO 9512893 A1 19950511 - FELTEN & GUILLEAUME AG OESTER [AT]
- [A] US 5311393 A 19940510 - BIRD ANTHONY O [US]

Cited by  
DE102008048644A1; EP2375425A1; DE102006037551B4; DE102010021246A1; CZ301709B6; AT512255A1; EP2194542A3; CN103270558A; CZ304868B6; DE102013006052B4; DE102006038005A1; DE102006038005B4; CN102106050A; DE102008048644B4; FR2869155A1; CZ304697B6; CN107112101A; FR2958789A1; EP2278605A1; US9172236B2; WO2010012565A1; WO2012110135A1; WO202075889A3; WO2013182276A1; WO2008003532A1; US8493170B2; DE102008013448A1; DE102008013448B4; EP2375426A1; US8378778B2; DE102013006052A1; WO2014122056A1; US9601243B2; US9640352B2; DE102007042991A1; EP2375424A1; US9007163B2; WO2008104824A1; WO2005109452A1; WO2016110359A1; WO2007134909A1; WO2007125000A1; WO2023227248A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GR IT LI NL PT

DOCDB simple family (publication)  
**EP 0905839 A1 19990331**; **EP 0905839 B1 20030108**; AT 406207 B 20000327; AT A165997 A 19990715; AT E230897 T1 20030115; CZ 295840 B6 20051116; CZ 306298 A3 19990414; DE 59806850 D1 20030213; ES 2190580 T3 20030801; PL 191447 B1 20060531; PL 328853 A1 19990412; SK 134298 A3 19990507; SK 285077 B6 20060504

DOCDB simple family (application)  
**EP 98890256 A 19980901**; AT 165997 A 19970930; AT 98890256 T 19980901; CZ 306298 A 19980924; DE 59806850 T 19980901; ES 98890256 T 19980901; PL 32885398 A 19980925; SK 134298 A 19980928